

hazardous • waste • facility • approval • board :

James A. Rhodes, Governor Wayne S. Nichols, Chairman

P.O. Box 1049 361 E. Broad St. Columbus, Ohio 43216 (614) 462-6981

U.S. Steel Corporation Cuyhoga Plant 1807 East 28th Street Lorain, Ohio 44055

Attn: Mac White

02-18-0091 Re: Permit No.

NOV 3 0 1981

Dear Permittee:

Transmitted herewith is a certified copy of your Hazardous Waste Facility Installation and Operation Permit (Permit) as such permit was entered into the Journal of the Board. The permit consists of the following:

- The standardized permit form (Findings and Conclusions and : issuance).
- Terms and Conditions as approved by the Board (Special Terms and Conditions applicable to all permittees and Special Terms and Conditions for specific facilities).
- Portions of the approved Part A permit application indicating the approved hazardous waste processes and design capacities and those hazardous wastes, identified by U.S. EPA Hazardous Waste Number, to be managed at the facility.

Processes, design capacities, and/or specific hazardous wastes which are stricken through or crossed out on the Part A permit application are not included in the approved permit. Unless otherwise notified by certified mail and afforded the opportunity for an adjudication hearing before the Board, all such deletions have occurred with the authorization of the applicant or his representative.

You are encouraged to carefully read the permit in its entirety. questions or comments concerning its content should be addressed to:

Ms. Peggy J. Vince Executive Director Hazardous Waste Facility Approval Board P.O. Box 1049 361 East Broad Street

Columbus, Oly 43216

Ph: (614)462-6981

HAZARADOUS WASTE FACILITY APPROVAL BOARD

NOV30 1981

ENTERED BOARD'S JOURNAL

EPA 9003

STATE OF OHIO

HAZARDOUS WASTE FACILITY APPROVAL BOARD

In the Matter of:

U.S. Steel Corporation Cuyhoga Plant 1807 East 28th Street Lorain, Ohio 44055

Permit No. 02-18-0091

Applicant/Permittee

The operator of the belowreferenced hazardous waste facility

U.S. Steel Corporation Cuyhoga Plant 4300 E. 49th Street Cuyahoga Heights, Ohio 44125

HAZSRADOUS WASTE FACUTY.

NOV 3 0 1981

ENTERED BOARD'S JOURNAL

Facility

Pursuant to Section 3734.05(D) of the Revised Code, The Hazardous Waste Facility Approval Board (Board) makes the following Findings and Conclusions and issues a Hazardous Waste Facility Installation and Operation Permit (Permit)

FINDINGS AND CONCLUSIONS

- The Applicant has submitted to the Board a completed permit application, stating the facility was in operation immediately prior to October 9, 1980, and has paid the required permit fee.
- 2. The Ohio Environmental Protection Agency (Agency) and/or the United States Environmental Protection Agency has inspected the facility and has prepared an Interim Status Standards Survey (survey).
- 3. All public comments timely received have been reviewed, evaluated and considered by the Board and the Agency for their relevancy and materiality.
- 4. The Agency has reviewed and considered the information on the permit application, the results of the survey, the public comments, and other pertinent material and has concluded that the facility was in substantial compliance, as determined by the Director of Environmental Protection, with applicable statutes and rules in effect immediately prior to October 9, 1980.

YOU ARE HEREBY ADVISED THAT: All appeals of these matters are to the Court of Appeals of Franklin County, 369 South High St., Columbus, Ohio 43215, Attn: Deputy Clerk, and shall be pursuant to the provisions of Section 3734.05(C)(7) of the Revised Code.

Sincerely,

Liggy J. Vince

Peggy J. Vince Executive Director

PJV/ss

Enclosure

HAZARADOUS WASTE FACILITY
APPROVAL BOARD

NOV 3 0 1981

ENTERED BOARD'S JOURNAL

| US Steel Coop | LOTEIN. | Petton mener OHD | 794222 NUMBER | 0 2963-19 |
|--|---|--|--|--|
| | IERAL INFORM | Program | E O, H, O, D, O, | To be a second of the second o |
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| | ACE LABEL IN | THIS SPACE | that should appear, | . Dieese provide it in the |
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| | ///// | V/ | Items I, III, V, er | nd VI <i>fexcept VI-B which</i> if regardless). Complete all |
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| | | | which this data is co | llected. |
| II. POLLUTANT CHARACTERISTICS | | | | |
| INSTRUCTIONS: Complete A through J to determine a guestions, you must submit this form and the supplement | | | | |
| if the supplemental form is attached. If you answer "no | " to each question, y | ou need not submit any of the | ssé forms. You may ans | wer "no" if your activity |
| is excluded from permit requirements; see Section C of th | e instructions. See als | o, Section D of the instruction | s for definitions of bold | i-faced terms. |
| SPECIFIC QUESTIONS | YES HO ATTACHED | SPECIFIC | QUESTIONS | MARK X |
| A, Is this facility a publicly owned treatment works | 1. | B. Does or will this facility | | posed/ |
| which results in a discharge to waters of the U.S.? (FORM 2A) | x | include a concentrated equatic animal producti | | |
| | 16" 17 10 | discharge to waters of th | • U.S.? (FORM 2B) | 10 20 21 |
| C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in | | D. Is this a proposed facilit in A or B above/ which | will result in a discha | |
| A or 8 above? (FORM 2C) | 22 23 24 | waters of the U.S.? (FOF | | 25 26 27 |
| E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3) | X N/A | municipal effluent belov | w the lowermost stratur | π con-ly |
| | 20 20 30 | taining, within one que underground sources of c | | pore, |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface | | H. Do you or will you injec | | or spe- |
| in connection with conventional oil or natural gas pro- | X | cial processes such as m process, solution mining | | |
| duction, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid | | tion of fossil fuel, or re (FORM 4) | | |
| hydrocarbons? (FORM 4) i. Is this facility a proposed stationary source which is | 34 36 14 | J. Is this facility a propos | ed stationery source w | 37 38 38 |
| one of the 28 industrial categories listed in the in- structions and which will potentially emit 100 tons | | NOT one of the 28 ind instructions and which was the contractions and which was the contractions and which was the contractions and the contractions are contracted as the contractions are contracted as the cont | ustrial categories listed | in the |
| per year of any air pollutant regulated under the | | per year of any air pollut | tant regulated under the | Clean |
| Clean Air Act and may affect or be located in an attainment area? (FORM 5) | 40 41 42 | Air Act and may affect area? (FORM 5) | or be located in an attal | 12 44 45 |
| III. NAME OF FACILITY | | | "你是我是我们的 " | |
| 1 SKIPUSS LORAIN WOR | KS | | | |
| IV. FACILITY CONTACT | | | | |
| A. NAME & TITLE (lost, fi | ret, & title) | 3 | . PHONE (ares code & | no.) |
| STINSON RUSS ENVI | 'R'O'N'M'E'N | TAL ENG21 | 1 6 2 7 7 2 | 4 8 2 |
| U FACULTY MALLING ADDRESS | | 45 46 | 40 - 51 52 | |
| V. FACILITY MAILING ADDRESS | BOX | Call Harmon Harmon Land Conference (Call Conference Con | | ्र इस्सुद्धि १९८० सम्बन्धि । १८८४ स्टब्स्सु |
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| B. CITY OR TOWN | | C.STATE D. ZIP CO | DE | |
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| VI. FACILITY LOCATION | April 18 February 187 | 48 41 42 A7 | The second second second second | |
| A. STREET, ROUTE NO. OR OTHER | PECIFIC IDENTIFE | | o Britania de La Caracteria de seculo de servición | |
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| B. COUNTY NAME | | | The state of the s | tantan mendebah dan berandan berandan berandan berandan berandan berandan berandan berandan berandan berandan Berandan berandan be |
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| DIL U K A I N | <u> </u> | 0 H 4 4 0 5 | 5 5 | |
| EPA Form 3510-1 (Rev. 10-80) | | | | CONTINUE ON REVERS |

| ONTINUED FROM THE FRONT | Application of the continuous from a selection between a partie and their states | Contraction of the Contraction o | Service Of the region because the common of |
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| VII. SIC COCES (4-digit, in order of priority) | | | No. |
| A. FIRST | | B. SEC | СИО |
| 7 3 3 1.2 FIRON & STEEL PLANT | 7 | pecify) | |
| C. THIRD | | D. FO | JRTH |
| (specify) | 7 | pecifyj | |
| VIII. OPERATOR INFORMATION | | | |
| | A. NAME | | B. Is the name listed Item VIII-A also t |
| JUSS A DIVISION OF | USX CORPORA | TION | Owner? |
| 1 0 3 3 A DIVISION OF | | | YES NO |
| C. STATUS OF OPERATOR (Enter the appropriate les | | | D. PHONE (area code & no.) |
| F = FEDERAL M = PUBLIC (other than federal or S = STATE O = OTHER (specify) P = PRIVATE | PPRIVATE | Å | 4 1 2 8 2 5 2 6 0 9 |
| E. STREET OR P.O. BO | | | 16 - 18 [19 - 21 22 - 24] |
| 4000 TECH CENTER D | RIVE | | |
| F. CITY OR TOWN | G.STATE H | ZIP CODE IX. IN | DIAN LAND |
| 3 M O N R O E V I L L E | PA 1 | 5 1 4 6 Is the | acility located on Indian lands? |
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| EXISTING ENVIRONMENTAL PERMITS | 41 42 47 48 49 49 47 48 49 49 49 49 49 49 49 | ANTONIO PARTIE VARIE | et establishesi karatanggi Perris Additionali salahan ora kara |
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| N 3, 1, D, O, O, O, 2, 8, *, E, D, , 9 P | 7 | | |
| B. UIC (Underground Injection of Fluids) | E. OTHER (specify) | 30 | |
| TOTAL CONTRACTOR CONTR | | (specify) | |
| U | 7 10 | . 10 | |
| C. RCRA (Hazardous Wastes) | E. OTHER (specify) | | |
| B 0.H D 0.0 4.2 2 2 0 3 Q9 | | (specify) | • |
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| 1. MAP | | 101 101 (148) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | the selection of the se |
| I. MAP | · 中国的人的特别的 | | |
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FORM NPDES

APPLICATION FOR PERMIT TO DISC

ON AGENCY GE WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

Consolidated Permits Program

I. OUT FALL LOCATION

A E--- 7810 70 10-. 7 961

For each outfall, list the latitude and longitude of its location to the nearest 15 seconds and the name of the receiving water.

| AUMBER . | | LATITUD | C | C 1 | LONGITUE |) E | D. RECEIVING WATER (MMr) |
|----------|-------|-----------|----------|--------|----------|--------|--------------------------|
| (list) | 1.000 | 2. 00100. | 1.100 | 1.000. | 1 00100 | 1. 100 | |
| 001 | N41 | 27 | 31 | W82 | 07 | 111_ | Black River |
| 002 | N41 | 27 | 15 | W82 | 08 | 20 | Black River |
| 003 | N41 | 27 | 06 | W82 | 08 | 55 | Black River |
| 004 | N41 | 27 | 05 | W82 | 09 | 00 | Black River |
| 005 | Ň41 | 27 | 15 | W82 | 07 | 53 | Black River |
| 006 | N41 | 27 | 13 | W82 | 00 | 37 | Black River |

FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

. Attach a line drawing showing the water flow through the facility. Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for cartain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

| out | 2 OPERATION(S) CONTRIBUTI | NG FLOW | 3. TREATMENT | | |
|-------|--|------------------------------------|--------------------------------|-------------|------------|
| ILLNO | a. OPERATION (list) | b. AVERAGE FLOW (include units) | a DESCRIPTION | D LIST CO | DES FROM |
| | Rolling Mill - Hot Forming | 5700 GPM | Scale Pit | 1-0 | * |
| 1 | Primary | | | | |
| | 10" & 12" Bar Mills - Hot Form | ing 7150 GPM | Scale Pit | 1-0 | * |
| | No. 3 & 4 Seamless Hot Forming | Pine | | | |
| | ERW Cold Forming Pipe | 7850 GPM | Scale Pits | 1-U | * |
| | Bar Mill & Pipe | | | | |
| 1 | Mill Non-Contact | | | | |
| | Cooling | 3300 GPM | None | | » * |
| | Stormwater | 4300 GPM | None | | * |
| | | | | | |
| 1 | *(All water from the above ope | rations is treat | ed with a polymer addition | 2-C | 1-0 |
| | prior to entering the Pipe a | | | | s ., |
| • | _low concentration of oil & d | | | | |
| Ī | Treatment Facility is equipo | , | | | |
| Ī | structure and surface oil re | | | | |
| | 1 | | | | |
| | Caster Spray System Emergency | Overflow O GPM | None | | |
| 2 | Coke Plant Non-contact | O GPM | None | | |
| _ | Coke Plant Boilers Blowdown | O GPM | None RECEI | ED | |
| | Basic Oxygen (BOP) Non-Conta | | MAY 13 | 1988 . | |
| | Water Usage | 100 GPM | None | | |
| 2 | Branch Storm Sewer 605 | 10 GPM | None OHIO EPA- | 1. L. U. U. | |
| _ | Storm Water | 1900 GPM | None | | |
| - | | | USS will submit an application | to | - |
| FICIA | L USE ONLY (efficient guidelines sub-categories) | 7 4 | | | |

FORM : NPDES

APPLICATION FOR PERMIT TO DISCHAN ... WASTEWATER

EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVIGULTURAL OPERATIONS

Consolidated Permits Program

| For each outfa | II, fist the late | tude and I | ongitude o | fits location t | to the near | rest 15 šec | econds and the name of the receiving water. | |
|----------------|-------------------|------------|------------|-----------------|-------------|-------------|---|---|
| X SUTFALL | • | LATITUD | Z . | C L | - |) (| D. RECEIVING WATER (name) | _ |
| (list) | 1. 980 | 1 1010 |) ••c | 1 000 | 3 40 149 | 1 905 | | |
| 601 | - | - |] - | - | - | - | Black River Via Outfalls 002, 003 & | 0 |

| 601 | | <u> </u> | - | <u> </u> | | - | Black River Via Outfalls 002, 003 & 004 |
|-----|-----|----------|----|----------|----|----|---|
| 602 | N41 | 26 | 55 | W82 | 80 | 54 | Black River Via Outfall 004 |
| 603 | N41 | 27 | 00 | W82 | 08 | 36 | Black River Via Outfall 002, 003 & 004 |
| 605 | N41 | 27 | 03 | W82 | 08 | 19 | Black River Via Outfall 002 |
| | | I | | 1 | | | |

II. FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

"For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

| 1 007 | 2 OPERATIONISI CONTRIBUTI | | 3. TREATMENT | · | |
|-------|--------------------------------|----------------|-------------------------------|----------|---------------|
| IIIII | 8. OPERATION (list) | D AVERAGE FLOW | a DESCRIPTION | | DES FROM |
| | Power House Condenser Non- · | | | · | |
| 003 | contact coooling water | 39,320 GPM | None | | |
| *, | Blast Furnace Non-contact | | | | |
| | Cooling Water | 8,600 GPM | None | <u> </u> | |
| | Future Coke Plant | | | · | |
| • | Biological Treatment Plant | | | · | |
| 003 | Blowdown | O GPM | Proposed Biological Treatment | 3-C | |
| | Stormwater | 300 GPM | None | | |
| | Power House Condenser Non- | | | | |
| 004 | contact Cooling Water | 10,000 GPM | None | | |
| • | Blast Furnace Treatment | | | | |
| | System Blowdown - | 20 GPM | See Discharge 602 | 1-บ | 5-บ |
| | Boiler Water Treatment Blow- | | | | |
| 004 | down | 60 GPM | None | | |
| | No. 13 Boiler Blowdown | 50 GPM | None | , | |
| | Stormwater | 90 GPM | None | | |
| | | | | | |
| 005 | 10" & 12" Bar Mill Non-contact | | | | |
| | Cooling Water | 3,200 GPF | None | Ü | |
| | Stormwater | 870 GP | None | | . |
| 006 | Surface Stormwater Drainage | 223 GPI | None | | |
| ł | | | | • | |

A. Attach a line drawing showing the water flow through the facility, Indicate sources of intake water, operations contributing wastewater to the efficient, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average. flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined fe.g., for certain mining activities, provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

C SEPA

APPLICATION FOR PERMIT TO DISCH.

AGENCY

APPLICATION FOR PERMIT TO DISCH. , E WASTEWATER
EXISTING MANUFACTURING, COMMERCIAL, MINING AND SILVICULTURAL OPERATIONS

| DES | 400 | 3 <i>8</i> _ | B · | | , | • | Consolidated F | Permits Progr | am | _,, _, | |
|--------|------------|--------------|------------|--------------|-----------------|----------------|--------------------|-----------------|----------------|--------|---|
| DUTE | ALL LO | CATION | 32.5 | | | | -: \$ | | | | 3 |
| or eac | n outfall, | list the la | atilude a | nd longitude | of its location | to the nearest | 15 seconds and the | e name of the i | eceiving water | | |

| UMBER | 8 L | ATITUDE | | C. L | ONGITUD | E | D. RECEIVING WATER (name) |
|--------|---------|---------|---------|------------|-----------|-----|----------------------------|
| (list) | 1. 086. | 2. MIN. | 3. SEC. | 1. DEG. | Z. MIN. 9 | | D. RECEIVING WATER INDINE! |
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FLOWS, SOURCES OF POLLUTION, AND TREATMENT TECHNOLOGIES

Attach a line drawing showing the water flow through the facility, Indicate sources of intake water, operations contributing wastewater to the effluent, and treatment units labeled to correspond to the more detailed descriptions in Item B. Construct a water balance on the line drawing by showing average flows between intakes, operations, treatment units, and outfalls. If a water balance cannot be determined (e.g., for certain mining activities), provide a pictorial description of the nature and amount of any sources of water and any collection or treatment measures.

For each outfall, provide a description of: (1) All operations contributing wastewater to the effluent, including process wastewater, sanitary wastewater, cooling water, and storm water runoff; (2) The average flow contributed by each operation; and (3) The treatment received by the wastewater. Continue on additional sheets if necessary.

| ידטכ | | NG FLOW | 3. TREATMENT | | · · |
|--------------|--------------------------------|------------------------------------|--------------------------------|------|----------|
| ELNC (61) | | b. AVERAGE FLOW (include units) | a DESCRIPTION | | DES:FROM |
| | Blast Furnace Non-contact | | | | 4,25 |
|)] | Cooling Water | 6,450 GPI | None | | |
| | Linde Oxygen Plant Non-contac | | | | |
| 1 | Cooling Water | 300 GPI | None | | 16, 11 |
| | Blast Furnace Boilers No. 1 - | | | | |
| ŧ , | No. 9 Blowdown | 100 GPI | None | | |
| 11 . | BOP Process Water Treatment | | | | |
| 1 | Blowdown | 60 GPM | 2 Clarifiers, 1 thickner | 1-U | |
| | Rounds Caster Process | | | | |
|)1· | Blowdown | 20 GPM | See Discharge 603 | | |
| | | | | | |
| | (All water from the above open | rations enters i | nto the No. 2 reservoir and | 1-0 | |
| • • • | is recycled into the plant se | rvice water syst | em) | | |
| | * Monitóring point deleted fr | om permit per (3 | DO00 18* FD OEPA Modification. |) | |
| | | | | | |
|)2 | Blast Furnace Water Treatment | | 2 Clarifiers, 1 Thickner | 1-11 | 5-11 |
| | System Blowdown | 330 GPM | and 2 Vacuum Filters | | |
| | | | | | |
| 03 | Caster and BOP | | 3 Clarifiers, 1 Scale Pit | 1-บ | 5-U |
| | Treatment Facilitites Blowdow | n 20 GPM | 3 Filters | | <i>P</i> |
| | | | | | |
| 05 | Branch Storm Sewer | 10 GPM | None | | |
| | | | | | |
| - | | ; . | | C | |

FFICIAL USE ONLY (effluent Huidelines sub-categories)

| | MARINUM ATIC |
|--|-------------------------|
| PRODUCTION Contribution promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? X YES (complete Item III-B) No (to to Section IV) | In the terms and un |
| I. PRODUCTION A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? | in the terms and un |
| A. Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? [XXVES (complete Item III-B) — MO (to to Section IV) 3. Are the limitations in the applicable effluent guideline expressed in terms of production (or other measure of operation)? [XVES (complete Item III-C) — MO (go to Section IV) If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the | 2. AFFECTED OUTFALLS |
| Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? \[\times \t | 2. AFFECTED OUTFALLS |
| Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? \[XYES (complete Item III-B) \] \[NO (to to Section IV) \] Are the limitations in the applicable effluent guideline expressed in terms of production for other measure of operation)? \[YES (complete Item III-C) \] If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the | 2. AFFECTED OUTFALLS |
| Does an effluent guideline limitation promulgated by EPA under Section 304 of the Clean Water Act apply to your facility? \[XXYES (complete Item III-B) \] Are the limitations in the applicable effluent guideline expressed in terms of production for other measure of operation)? \[XYES (complete Item III-C) \] If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the | 2. AFFECTED OUTFALLS |
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| ■ NO (to to Section IV) I. Are the limitations in the applicable effluent guideline expressed in terms of production for other measure of operation)? ■ VES (complete Item III-C) If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the | 2. AFFECTED OUTFALLS |
| Are the limitations in the applicable effluent guideline expressed in terms of production for other measure of operation)? \[\begin{align*} \times \text{VES (complete Item III-C)} Piou answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the limitation of th | 2. AFFECTED OUTFALLS |
| MO (go to Section IV) If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the | 2. AFFECTED OUTFALLS |
| If you answered "yes" to Item III-B, list the quantity which represents an actual measurement of your level of production, expressed in the used in the applicable effluent guideline, and indicate the affected outfalls. | 2. AFFECTED OUTFALLS |
| used in the applicable emilient guideline, and indicate the affected outrails. | OUTFALLS |
| A ALEDA DE BALLY BOODLISTICAL | OUTFALLS |
| | |
| | |
| Cokemaking | 500 004 |
| | 602, 004 602, 004 |
| | 603 |
| 3447 Tons Continuous Caster New Source - Squares & Rounds 603 | 603 |
| 0142 | 001 |
| 4159 Tons Hot Forming Section Mill -Carbon, 10" & 12" 601 | • |
| Tons Hot Forming Pipe and Tube, No. 3 & No. 4 Seam- 001 | 001 |
| less Pipe Mill | • |
| 577 Tons Cold Forming, ERW Mill, Pipe-Oil Solution 001 | 001 |
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| IMPROVEMENTS TO THE PROPERTY OF THE PROPERTY O | |

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Omb No 20-0-000 Approval expires 7-31-88

WINTAKE AND EFFLUENT CHARACTERIST ..

| A, 8, | & C: | See instructions before proceeding - | Complete one set of tables for each outfall - | - Annotate the outfall number in the space provided. |
|-------|------|--------------------------------------|---|--|
| | ٠. | NOTE: Tables V-A V-B and V-C are | included on separate sheets numbered V-1 i | through V-9. |

D. Use the space below to list any of the pollutants listed in Table 2c-3 of the instructions, which you know or have reason to believe is discharged or may be discharged from any outfall. For every pollutant you list, briefly describe the reasons you believe it to be present and report any analytical data in your possession.

| 1. POLLUTANT | 2. SOURCE | 1. POLLUTANT | 2. SOURCE |
|--------------|-----------|--------------|-----------|
| None | | | |
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| is any pollutant listed in Item V-C a s | ubstance or a compone | nt of a substance which you curre | intly use or ma | | or final product or |
|---|-----------------------|-----------------------------------|-----------------|---|---------------------|
| byproduct? | | | | • | •• |

TES (list all such pollutants below)

NO (so to Item VI-B)

| CNTINUED FROM THE | | | e state to the second | | |
|--|---|--|---------------------------------|--|---|
| | CITY TESTING DAT | we that any biological test for acute or chron | ic toxicity h | as been made on any of | your discharges or on a |
| receiving water in relation | | | • | | |
| | YES (Identify the tes | t(s) and describe their purposes below) | | NO (go to Sect | on VIII) |
| | • | | • • • | | |
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| A. NAN | | dress, and telephone number of, and pollute a such laboratory or firm below) B. ADDRESS | | C. TELEPHONE | D. POLLUTANTS ANALYZ |
| CWC Industries, | Inc. | 2686 Lisbon Road | . (| (216) 721-4747 | A11 |
| | | Cleveland, OH 44104 | | : | |
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| A. NAME & OFFICIAL T | | | | B. PHONE NO. | |
| P. X. Mascianto | nio, Vice Pre | sident-Environmental Affai | irs | (412) 825- | 2609 |
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O. X. marcanton

TERMS AND CONDITIONS (General)

- 1. Only those hazardous wastes as identified by the U.S. EPA Hazardous Waste Number(s) set forth in the approved permit application, attached hereto, may be managed at the facility and only pursuant to the specified processes and design capacities indicated and set forth in the approved permit application.
- 2. The Permittee and the facility shall comply with all applicable performance standards adopted by the Director of Environmental Protection pursuant to Division (D) of Section 3734.12 of the Revised Code.
- 3. The Permittee and the facility shall comply with all applicable requirements of Chapter 3734 of the Revised Code, the Ohio Hazardous Waste Rules, and the rederal statutes and regulations concerning hazardous waste.
- 4. This permit shall expire three years after its date of issuance. The date of issuance is the date the resolution to issue the permit was passed by the Board.
- 5. This permit, in accordance with the procedures of the Board, may be modified, revoked, or alternatively revoked and reissued, to comply with applicable provisions of Chapter 3734 of the Revised Code or the Ohio Hazardous Waste Rules.
- 6. The annual permit fee, payable to the Treasurer of State, shall be submitted to and received by the Board on or before the anniversaries of the date of issuance, during the term of the permit.
- Unless otherwise specifically provided, all studies, reports, data, plans and other information required to be submitted by this permit shall be transmitted to:

Hazardous Waste Facility Approval Board P.O. Box 1049 361 East Broad Street Columbus, Ohio 43216

The permit number shall be indicated on the transmittal letter.

TERMS AND CONDITIONS (Special)
NOT APPLICABLE

HAZARADOUS WASTE FACILITY
APPROVAL BOARD

NOV 30 1981

ENTERED BOARD'S JOURNAL

WASTE PERMIT APPLICATION Onselidated Permits Program (This Information is required under Section 3005 of RCRA.)

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PROCESSES (continued)

Andrew Mary of Mary Mary Control of the Control of PACE FOR ADDITIONAL PROCESS CODES OR FOR DESCRIBING OTHER PROCESSES (code "TO4"). FOR EACH PROCESS ENTERED HERE

81- HW-0091

NONE

HAZARADOUS WASTE FACILITY APPROVAL BOARD

NOV 30 1981

ENTERED BOARD'S JOURNAL

DESCRIPTION OF HAZARDOUS WASTES

EPA HAZAHDOUS WASTE NUMBER — Enter the four—digit number from 40 CFR, Subpert D for each listed hazardous wests you will handle. If you handle hazardous westes which are not listed in 40 CFR, Subpert D, enter the four—digit number/s/ from 40 CFR, Subpert C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.

ESTIMATED ANNUAL QUANTITY - For each listed wests entered in column A estimate the quantity of that wests that will be handled on an annual posis. For each characteristic or toxic conteminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.

UNIT OF MEASURE - For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate

| ENGLISH UNIT OF MEASURE CODE | | METRIC UNIT OF MEASURE | COD |
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| POUNDSP | 1. | . WILOSPAMS | |
| TONS | | METRIC TONS | M |

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the regulred units of measure taking into account the appropriate density or specific gravity of the waste.

PROCESSES

1. PROCESS CODES:

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.

Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).

2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

TE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by a than one EPA Hazardous Waste Number shall be described on the form as follows:

- 1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B.C. and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

AMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

| | | A. EPA AZARD. B. ESTIMATED ANNUAL | | | C. UNIT | | | | D. | PROCESSES | |
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DESCRIPTION OF HAZARDOUS WA (jcontinued) JSE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE NONE HAZARADOUS WASTE FACILITY APPROVAL BOARD NOV 30 1981 ENTERED BOARD'S JOURNAL EPA I.D. NO. (enter from page 1) HD 2 0 8 1 FACILITY DRAWING existing facilities must include in the space provided on page 5 a scale drawing of the facility (see instructions for more detail). existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, atment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail). FACILITY GEOGRAPHIC LOCATION LATITUDE (degrees, minutes, & seconds) I FACILITY OWNER A. If the facility owner is also the facility operator as listed in Section VIII on Form 1, "General Information", place an "X" in the box to the left and skip to Section IX below. B. If the facility owner is not the facility operator as listed in Section VIII on Form 1, complete the following items: 2. PHONE NO. (area code & no.) 1. NAME OF FACILITY'S LEGAL OWNER 4. CITY OR TOWN 5. ST. 6. ZIP CODE 3. STREET OR P.O. BOX G OWNER CERTIFICATION rtify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached uments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the mitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information. luding the possibility of fine and imprisonment. NAME (print or type) C. DATE SIGNED r. J.R. Ferguson, Jr., Senior Vice esident and Asst. to the Pres. OPERATOR CERTIFICATION rtify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached uments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the mitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, luding the possibility of fine and imprisonment. HAME (print or type) C. DATE SIGNED CONTINUE ON PAGE Form 3510-3 (8-80) PAGE 4 OF 5

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| guestions, you must submit this form and the supplemental form listed in the | o submit any permit application forms to the EPA. If you answer "yes" to any ne parenthesis following the question. Mark "X" in the box in the third collision you need not submit any of these forms. You may answer "no" if your activity so, Section D of the instructions for definitions of bold—food terms. |
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| A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A) | B: Does or will this facility (either existing or proposed) pinglude a concentrated animal faeding operation or equation animal production facility which results in a discharge to waters of the U.S.? (FORM 28) |
| C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in X A or B abovez (FORM 2C) | D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to X water of the U.S.? (FORM 2D) |
| E. Does or will this facility treat, store, or chiposa of hazardous wastes? (FORM 3) | Fr. Do you or will you inject at this lastliny industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore; underground sources of drinking water? (FORM 4) |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | H. Do you or will you inject at this facility fluids for special processes such as mining of suffer by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4) |
| l. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially errit TOO tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) | Jr. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially enit 250 tons par year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment act (FORM 5) |
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| IV. FACILITY CONTACT WHITE A. NAME & TITLE (lost, first, & title) 2 KUMMANT, KARL CHIEFENGIN | B. PHONE (area code & no.) |
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- Authorize the staff of the Board to issue to the facilities the Hazardous Waste Facility Installation and Operation Permits approved for issuance by resolution of the Board, and
- Have signing authority indicating that such action has been approved by the Board.

NOW THEREFORE, A HAZARDOUS WASTE FACILITY INSTALLATION AND OPERATION PERMIT IS ISSUED TO THE Applicant for the facility, subject to the Terms and Conditions attached hereto and incorporated herein.

FOR THE BOARD, BY ORDER OF THE BOARD

٠.)

Pagy G. Vines.

Movember 30,1981

Entered into the Journal of the Board on 100.30 __, 1981 by

Madeline Samson / sec.

HAZARADOUS WASTE FACILITY APPROVAL BOARD

NOV 3 0 1981

ENTERED BOARD'S JOURNAL

- 5. The Agency has informed the Applicant of the requirements of applicable hazardous waste rules of which it was not in compliance.
- 6. The Agency has recommended to the Board that a permit be issued to the facility.
- 7. Review and consideration of the information on the permit application, the results of the survey, the public comments, recommendations and comments by the Agency, and other pertinent material regarding the Applicant and the facility is sufficient to determine whether the facility meets the requirements for permit issuance set forth in Section 3734.05(D) of the Revised Code.
- 8. The staff of the Board has reviewed and considered the information on the permit application, the results of the survey, the public comments, the recommendation and comments by the Agency, and other pertinent material regarding the Applicant and the facility and has recommended to the Board that a permit be issued.
- 9. Pursuant to Resolution No. 30 -81, passed September 9, 1981, the Board found that the facility:
 - a. Was in operation immediately prior to October 9, 1980,
 - b. Was in substantial compliance, as determined by the Director of Environmental Protection, with applicable statutes and rules in effect immediately prior to October 9, 1980,
 - c. Submitted a completed permit application, and
 - d. Has demonstrated to the Board that its operation after October 9, 1980 will comply with applicable performance standards adopted by the Director of Environmental Protection pursuant to division (D) of Section 3734.12 of the Revised Code.
- 10. Pursuant to such Resolution, the Board resolved and approved that a permit be issued with such standard terms and conditions set forth in the document entitled "Terms and Conditions" attached to the Resolution and such special terms and conditions as were approved by the Board.
- 11. The terms and conditions referenced in Finding Number 10 above, are attached hereto and incorporated herein.
- 12. Resolution No. 21-81, passed on August 26, 1981 and entered into the Journal of the Board on September 1, 1981, authorizes the Coordinator of the Board to:

HAZARADOUS WASTE FACILITY
APPROVAL BOARD

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DESCRIPTION OF HAZARDOUS WASTES (continued)

USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 3.

None.

RECEIV _ _ OHIO EPA

NOV 23 1982

DIV. HAZARDOUS
MATERIALS MANAGEMENT

I CERTIFY THIS COPY TO BE A TRUE AND ACCURATE COPY OF THE OFFICIAL DOCUMENT AS FILED IN THE RECORDS OF THE OHIO HAZARDOUS WASTE FACILITY APPROVAL BOARD

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| All existing facilities must include photographs reatment and disposal areas; and sites of future | | | | | |
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| IX. OWNER CERTIFICATION | | | 10 | | |
| I certify under penalty of law that I have person documents, and that based on my inquiry of the submitted information is true, accurate, and coincluding the possibility of fine and imprisonments. | ose individuals immedi mplete. I am aware tha | iately responsible for obtainii | ng the info | rmatio | n, I believe that the |
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Environment & Energy X, OPERATOR CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached suments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

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| | | | | | RECEIVED | | | | | | . • | | A. | 3 | wooning. | WASTI | E FACILITY APPROVAL BOARD |
| | | | | | OHIO EPA | | | | | | | | F | H. | CHILDOD | | |
| ٠. | ٠ | | | | 40.00 | | | | | | | | | | | | DATE |
| • | | | | | NOV 23 1982 | | • | | | | | | | Y | - | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | DIV. HAZARDOUS | τ. | | | | | | • • | | | | • | |
| | | | | M | ATERIALS MANAGEMEN | 1 1 | | | | | | | | : | | | |
| | | | | | | | | | | | • | | | | | | |
| | | | | | | | ٠. | | | | | | | | • | | |
| V. I | ES | sc | RIF | TIC | N OF HAZARDOUS WASTE | S | | - MA | | | | | S. | * | | | |
| Ē | A | HÃ | ZA | ROC | OUS WASTE NUMBER - Enter | ne i | our- | Gig | it n | OW. | per | - 67 | om | 4(| CFR, Sut | part D | of for each listed hazardous waste you will handle. If you (s) from 40 CFR, Subpart C that describes the characteris- |
| | | | | | is wastes which are not listed in 4 oxic contaminants of those hazard | | | | 3 3 11 | υ, | en | Ter | (III | 9 10 | | umbert. | sy from 40 CFM, Support C that describes the characteris- |
| ES | TIE | VΑ | TE | D A | NNUAL QUANTITY - For mech | isca | rd wite | sta | ent | ere | d is | n c | .olu | mr | n A estimat | e the a | quantity of that waste that will be handled on an annual |
| ba | sis. | Fo |) r 8 | sch i | | | | | | | | | | | | | uantity of all the non-listed waste(s) that will be handled |
| | | • | | | | | | | _ | ٠. | | | | | | | |
| | VIT des | | | EA: | SURE - For each quantity enters | id in | . ⇔iu | חחו | B.(| mu | er 1 | the | μn | it (| of measure | code, I | Units of measure which must be used and the appropriate |
| | | | | EL | IGLISH UNIT OF MEASURE | | | | C | מם | E | | | | METRI | : C UNIT | T OF MEASURE CODE |
| | | | | PO | UNDS | | | | | P | - | | | | KILOG | RAMS | |
| | | | ٠. | | ONS | | | | | | | | | | METRI | | |
| | | | | | is use any other unit of measure to ropriate dansity or specific gravity | | | | | ur | iits | 01 | m | 001 | ture must be | COUAS | arted into one of the required units of measure taking into |
| | | | | | Contact deliving or opening grants, | | | | • | | | | | | | | |
| | PF | 10 | SE CES | S C | ODES: | | | | | 7. | | | | | | | |
| | to | in | dica | te h | ow the waste will be stored, treated | d. ar | nd/or | dist | 2034 | ed c | of a | t t | he 1 | fac | ility. | | code(s) from the list of process codes contained in Item III |
| | Fo | Y 1 | nan | -list | ed hazardous wastes: For each o | hara | cteris | nic | or ' | tox | ic (| COF | tan | nin | ant enterec | in col | fumn A, select the code(s) from the list of process codes spose of all the non-listed hazardous wastes that possess |
| ٠. | th | at : | cha | acte | ristic or toxic contaminant. | | | 1. | | | | | | | | * | |
| | | | | | spaces are provided for entering t box of Item IV-D(1); and (3) Ent | | | | | | | | | | | | the first three as described above; (2) Enter "000" in the per and the additional code(s). |
| 3 | DE | - | CEC | :e.n | ESCRIPTION: If a code is not list | ari f | ~ |) Year | *** | the | | ill | he | | d describe | the pro | ocess in the space provided on the form, |
| | | | | | · | | | | | | | | | | | | |
| 4OTI | E: tha | HA n c | NZA One | RD(EPA | OUS WASTES DESCRIBED BY N . Hazardous Waste Number shall be | OR des | E TH cribed | IAN d oi | i Ol 1 th | NE e fo | EP | 'A 181 | HA foi | ilo. | andous M Ws: | ASTE. | NUMBER - Hazardous wastes that can be described by |
| 1. | Se | Hec | O | 78 O | f the EPA Hazardous Waste Numb the waste and describing all the pro | ers a | ind er | nter | it i | n c | olu | an r | ١A. | . O | n the same | ine con | mplete columns B,C, and D by estimating the total annual |
| 2. | ľn | cc | olun | nn A | of the next line enter the other | EPA | Haz | ard | 2015 | Wa | ste | N | ńw | ber | that can b | e used | to describe the waste. In column D(2) on that line enter |
| 3. | | | | | th above" and make no other entri 2 for each other EPA Hazardous W | | | | | nt ca | en i | be | use | d t | o describe 1 | the haze | cardous waste. |
| | | • | | • | | | | | | | | | | | | | facility will treat and dispose of an estimated 900 pounds |
| er v | ear | of | chi | Ome | shavings from leather tenning and | d fin | ishin | g O | pera | tio | n. I | n a | odd | itic | on, the facil | ity will | I treat and dispose of three non-listed wastes. Two wastes |
| Ire co | orro Sour | osiv nda | re o | . Aeq U!A ∶ | and there will be an estimated 200 or of that waste, Treatment will be | U po in a | nuncis ninci | per ner | . Aa | er (| ot (d d | eac Iisp | P) V P) SE | yas N | te. The oth vill be in a l | er wast andfill. | te is corrosive and ignitable and there will be an estimated. |
| | T- | _ | EP | | | C. 1 | JNIT | Τ | | | | | | | | | D. PROCESSES |
| NE | | | ZA | RD. NO | B. ESTIMATED ANNUAL QUANTITY OF WASTE | Sι | MEA JRE nter | 1 | | | ١. | PR | | | S CODES | | 2. PROCESS DESCRIPTION |
| <u>Jž</u> | (0) | nte | rcc | de) | | | dei | ╀ | 1 | Τ. | . | | - | eni | ter) | | (If a code is not entered in D(1)) |
| X-1 | K | 10 | 15 | 4 | 900 | | P | 17 | ٠'٥ | 3 | $ _{L}$ | ָׁ כ | 8 . | 0 | | • . • | |
| | + | ╀ | + | + | | \vdash | | + | Ţ | 7 | ╁ | | 一 | | | 11 | |
| . 4 | D | 0 | 0 | 2 | 400 | | P | 7 | . 0 | 3 | ľ |) | 8 | 0 | | | |
| | +- | + | + | +- | | $\vdash \vdash$ | _ | + | Ţ | Ť | + | 7 | | | 1.1 | -1-1 | |
| X-3 | D | 10 | 0 | I | 100 | | P | 7 | . 0 | 3 | Z |) | 8 | 0 | | | *** |
| | 1, | T | 1 | 1. | | П | + | + | T | _ | † | Т | 1 | 7 | 11 | 11 | in al. dadtab =1 |
| X-4 | | | | 2 | | | | | | | 1 | | | | | | included with above |
| PA | ОП | m S | 351 | 3 (| 6-80) | | | - | | F | <u> </u> | G | E 2 | 2 (| OF 5 | | CONTINUE ON PAGE S |



| | For | n Ap | pro | red | ОМ | ВΛ | /o. | 158 | 358 | 000 | 24. | _ | |
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| • | 計 | эΙн | D | 0 | 0 | 4 | 2 | 2 | 0 | 8 | 1 | 0 | 1 |

| (fin—in a | reas are spaced for elite to | vpe, i.e., 12 charactes inch): |
|-----------|------------------------------|--------------------------------|
| FORM | GEDA | HAZARDOUS WASTE |
| e B | | Consolidate |

L PROTECTION AGENCY PERMIT APPLICATION

Permits Program RCRA (This Information is required under Section 3005 of RCRA.) FOR OFFICIAL USE ONLY PLICATION DATE RECEIVED COMMENTS PPROVED day II. FIRST OR REVISED APPLICATION Place an "X" in the appropriate box in A or B below (mark one box only) to indicate whether this is the first application you are submitting for your facility or a revised application. If this is your first application and you already know your facility's EPA I.D. Number, or if this is a revised application, enter your facility's EPA I.D. Number in Item I above. A. FIRST APPLICATION (place an "X" below and provide the appropriate date) 2.NEW FACILITY (Complete item below.) 1. EXISTING FACILITY (See instructions for definition of "existing" facility:

Complete item below.) FOR NEW FACILITIES, FOR EXISTING FACILITIES, PROVIDE THE DATE (yr., mo., & day)
OPERATION BEGAN OR THE DATE CONSTRUCTION COMMENCED
(use the boxes to the left) PROVIDE THE DATE (yr., mo., & day) OPERA TION BEGAN OR IS 130d EXPECTED TO BEGIN "LICATION (place an "X" below and complete Item I above) 🔀 I. FACILITY HAS INTERIM STATUS 2. FACILITY HAS A RCRA PERMIT HI. PROCESSES - CODES AND DESIGN CAPACITIES A. PROCESS CODE - Enter the code from the list of process codes below that best describes each process to be used at the facility. Ten lines are provided for entering codes. If more lines are needed, enter the code(s) in the space provided. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided on the form (Item III-C). B. PROCESS DESIGN CAPACITY - For each code entered in column A enter the capacity of the process. AMOUNT - Enter the amount. UNIT OF MEASURE - For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used. APPROPRIATE UNITS OF PRO-APPROPRIATE UNITS OF PRO-CESS MEASURE FOR PROCESS MEASURE FOR PROCESS CESS DESIGN CAPACITY PROCESS CODE **PROCESS** CODE DESIGN CAPACITY Trestment: Storage: GALLONS OR LITERS GALLONS OR LITERS CUBIC YARDS OR CUBIC METERS CONTAINER (barrel, drum, etc.) TANK 801 GALLONS PER DAY ON TOT LITERS PER DAY GALLONS PER DAY OR LITERS PER DAY 802 WASTE PILE 503 SURFACE IMPOUNDMENT TONS PER HOUR OR METRIC TONS PER HOUR GALLONS PER HOUR OR LITERS PER HOUR TURFACE IMPOUNDMENT 504 GALLONS OR LITERS INCINERATOR TOR isoosul: GALLONS OR LITERS ACRE-FEIT (the bolume that would cover one acre to a depth of one foot) OR HECTARE-METER ACRES OR HECTARES GALLONS PER DAY OR LITERS OFF INJECTION WELL R'ELEEPINED OTHER (Use for physical, chemical, thermal or biological treatment LANDFILL processes not occurring in tanks, surface impoundments or incinera-ators. Describe the processes in the space provided; Item III-C.) OHIO EPA LAND APPLICATION OCEAN DISPOSAL LITERS PER DAY GALLONS OR LITERS D03 SURPACE IMPOUNDMENT NOV 23 1982 UNIT OF **UNIT OF** UNIT OF MEASURE MEASURE MEASURE UNIT OF WASASUREARDOUS UNIT OF MEASURE CODE UNIT OF MEASURE CODE CODE AMATTERTAL SAVANAGEMENT GALLONS. LITERS PER DAY LITERS CUBIC YARDS . TONS PER HOUR . . METRIC TONS PER HOUR. ACRES. . CUBIC METERS LITERS PER HOUR EXAMPLE FOR COMPLETING ITEM III (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can nold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour. DUP 1 13 14 18 B. PROCESS DESIGN CAPACITY B. PROCESS DESIGN CAPACITY A. PRO

| LINE | cr | bo | DE n li | , | | 1. AMOUNT (specify) | | 3 | en! | , , |] | US | SΕ | | LINE | (fr | ODE om lu bove) | 7 | CERTIFY THIS COD | V TO DE W | 1 | su a lent sprij | er E) | | ט טאט אס | |
|------|---------|-----|------------|---|-----|------------------------|------|---|-----|--------|----|----|----------|----|------|-----|-----------------------|----------|-----------------------|---------------------------------------|----------|-----------------------|-----------|----------|----------------|-------------------------|
| X-1 | S | _ | <u>)</u> | _ | 19 | 600 | 27 | | G | | 33 | | | | 5 | 10 | | A 1 | CURATE COPY OF THE RE | AF DECICIAL | In. | | ME | | | $\overline{\mathbf{I}}$ |
| X-2 | 7 | - (| 0 | 3 | | 20 | | | E | | | | | | 6 | | ŀ | 1/ | ZARDOUS WASTE FAC | ILITY APPRO |) YA | I E | DH BDA | 10 RD | | \int |
| 1 | s | | 0 | 1 | | 2,800 | | | G | | | | | | 7 | | В | | | DATE | T, | <u>-</u> | | | | |
| | s | | 0 | 2 | 1 | 60,000 | | | G | | | | | | 8 | | | | | | | | | | | |
| 3 | | | | | | ٠. | | | | | | | | | 9 | | | | | | | | | | | |
| 4 | | I | \prod | | 15. | | | | | | | | | | 10 | | \prod | | | : : : : : : : : : : : : : : : : : : : | \int | Ļ | | | | \prod_{i} |
| | <u></u> | | | | 19: | | . 27 | L | 11 | | 7, | | <u> </u> | 77 | | | | • | 17 | : | <u>-</u> | <u> </u> | | 17 | | <u> </u> |

| 1. SIC CODES (4-digit, in order of priority) | |
|--|--|
| A. PIRST | R. SECOND |
| The Manager of the Control of the Co | |
| Strip and Rod | |
| C. THIPD | D. POURTH |
| T (specify) | s (specify) |
| | [7] |
| II : U | |
| II. OPERATOR INFORMATION | B. Is the name listed in |
| | Item VIII-A also the |
| U.S. STEEL CORPORATION, CU | YAHOGA PLANT |
| The state of the s | YARUGA PLANT XYES NO |
| C. STATUS OF OPERATOR (Enter the appropriate letter into the answer | box; If "Other", specify.) D. PHONE (area code & no.) |
| | ecify) |
| S = STATE O = OTHER (specify) | A 2 1 6 2 7 7 2 4 3 3 |
| P = PRIVATE E. STREET OR P.O. DOX | 19 10 - 10 10 - 11 12 - 11 |
| <u> </u> | |
| 4 3 0 0 E. 4 9 t h STREET | |
| | ID I |
| F. CITY OR TOWN | G.STATE H. ZIP CODE IX, INDIAN LAND |
| CUYAHOGA HEIGHTS | OH 44125 TYES KINO |
| | tall and the second sec |
| 196 | 60 01 41 07 · 11 |
| EXISTING ENVIRONMENTAL PERMITS | |
| A. NPDES (Discharges to Surface Water) D. PSD (Air Emissions | from Proposed Sources |
| N 0 H 0 0 0 2 1 6 0 | |
| 20 16 17 18 20 16 19 19 19 14 | |
| D. UIC (Underground Injection of Florids) E. OTHER | |
| | (specify) |
| 16 17 18 7 10 10 10 10 10 10 10 10 10 10 10 10 10 | 1 |
| | (Epecify) |
| | (specify) |
| 30 10 10 17 18 | |
| I. MAD | |
| Attach to this application a topographic map of the area extending to | at least one mile beyond property boundaries. The map must show |
| the outline of the facility, the location of each of its existing and pr | |
| reatment, storage, or disposal facilities, and each well where it inject water bodies in the map area. See instructions for precise requirements | its fluids underground. Include all springs, rivers and other surface |
| | |
| II. NATURE OF BUSINESS (provide a brief description) | |
| | |
| Name of start when shade and make | |
| Manufacture of steel wire, strip and room | I CERTIFY THIS CUPY IN BE A TRUE AND |
| DECENTE | ACCURATE COPY OF THE OFFICIAL DOCUMENT |
| RECEIVED | AS FILED IN THE RECORDS OF THE OHIO |
| OHIO EPA | AS FILED IN THE RECORDS OF THE ROARD |
| | |
| | HAZARDOUS WASTE FACILITY APPROVAL BOARD |
| NOV 23 1982 | |
| NOV 23 1982 | |
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| DIV. HAZARDOUS | |
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| DIV. HAZARDOUS | |
| DIV. HAZARDOUS MATERIALS MANAGEMENT HIL CERTIFICATION (see Instructions) | BY DATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons imme | BY DATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons imme application, I believe that the information is true, accurate and com- | BY DATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons immerapplication, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. | BY DATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons immer application, I believe that the information is true, accurate and compalies information, including the possibility of fine and imprisonment. NAME a OFFICIAL TITLE (type or print) B. SIGNATURE. | BY |
| DIV. HAZARDOUS MATERIALS MANAGEMENT III. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons imme application, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. NAME a OFFICIAL TITLE (type or print) P. X. Masciantonio, Vice President | BYDATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT III. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons imme application, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. NAME a OFFICIAL TITLE (type or print) B. SIGNATU | BY |
| DIV. HAZARDOUS MATERIALS MANAGEMENT III. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons imme application, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. NAME a OFFICIAL TITLE (type or print) P. X. Masciantonio, Vice President | BYDATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and as attachments and that, based on my inquiry of those persons immer application, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. NAME & OFFICIAL TITLE (type or print) P. X. Masciantonio, Vice President Environment & Energy | BYDATE |
| DIV. HAZARDOUS MATERIALS MANAGEMENT IIII. CERTIFICATION (see instructions) I certify under penalty of law that I have personally examined and at attachments and that, based on my inquiry of those persons immer application, I believe that the information is true, accurate and comfalse information, including the possibility of fine and imprisonment. NAME a OFFICIAL TITLE (type or print) P. X. Masciantonio, Vice President Environment & Energy CMMENTS FOR OFFICIAL USE ONLY | BY |

| Afill—in areas are spaced for elite type, i.e., 12 character finel | | | | - Rev. Part A Form Approved OMB No. 158-1 | 10175 | |
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| α | neoli | de tec | Pomis P | | | |
| ENDRE LIEME | 7 | 7 | 17 | GENERALIMETRUCT | | |
| PA I.D. NUMBER | // | | | If a preprinted label has been it in the designated space, Rev | ow th | e inforr |
| MIII. BUCITY HAME | // | | | stion carefully: If any of it is through it and enter the corn | ict de | ta in t |
| 77777 | | / | | appropriate fill—in area below, the preprinted data is absent (| the on | es to b |
| V. MAILING ADDRESS PLEASE PL | ACE | LA | BEL IN | THIS SPACE left of the label space lists to that should appearl, please pro | wide. | It in t |
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| | // | Ι, | /// | Items I, III, V, and VI (axos must be completed regardless. | . Con | nplets : |
| VI. LOCATION | // | // | | items if no label has been prothe instructions for datailed | item | descri |
| | // | | | tions and for the legal cuthe which this data is collected. | TERUO | HTE UNC |
| II. POLLUTANT CHARACTERISTICS | | | | | | |
| questions, you must submit this form and the supplemental form is attached. If you answer "no" | ted for | nn li Ich q | stad in the | rubmit any permit application forms to the EPA. If you enswer is parenthesis following the question. Mark "X" is the box in the tou need not submit any of these forms. You may enswer "so" if to, Section D of the instructions for definitions of bold—focad terms. | hird c | amulo |
| SPECIFIC QUESTIONS | Yes | EAP | ATTACHES | SPECIFIC QUESTIONS | | ATTAC |
| A. Is this facility a publicly owned trautment secrits | | | ATTACHES | B. Does or will this facility (sither existing or proposed) | + | TTAC: |
| which results in a discharge to weters of the U.S.? (FORM 2A) | | X | | Include a concentrated enimal feeding operation or agustic animal production facility which results in a | X | 1 |
| C. Is this a facility which currently results in discharges | X | п | 10 | discharge to waters of the U.S.? (FORM 2B) 19 D. Is this a proposed facility (other than those described | 7 | 21 |
| to waters of the U.S. other than those described in A or B above? (FORM 2C) | | . 22 | | in A or B shove/ which will result in a discharge to waters of the U.S.? (FORM 2D) | X | B |
| E. Does or will this facility treat, store, or dispose of | 1 1 | | | F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum con- | 1 | 1 |
| hezardous westee? (FORM 3) | X | 159 | X | taining, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4) | X | 1 25 |
| G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface | | | | H. Do yes or will you inject at this facility fluids for spe- | | 1 |
| in connection with conventional oil or natural gas pro- duction; Injent fluids used for anhanced recovery of | | | | cial processes such as mining of sulfur by the Franch process, solution mining of minerals, in situ combus- | 1 | 1 |
| oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4) | <u> </u> | X | 794 | tion of fossil fuel, or recovery of geothermal energy? (FORM 4) | X | |
| I. is this facility a proposed supposery source which is one of the 28 industrial categories fisted in the in- | | | | J. Is this facility a processed stationary source which is NOT one of the 28 industrial categories listed in the | 1 | |
| structions and which will potentially emit 100 tons per year of any air pollutant regulated under the | | | | Instructions and which will potentially emit 250 tons per year of way air pollutant regulated under the Clean | | 1 |
| Clean Air Act and may affect or be located in an attainment area? (FORM 5) | <u> </u> | X | 49 | Air Act and may affect or be located in an attainment | X | 1 |
| III. NAME OF FACILITY | | | | | | |
| | ָ ט | Y A | HOG | A PLANT COPY TO BE A DOCUMENT | ŧ | - |
| IV. FACILITY CONTACT | | | | | | |
| A. NAME & TITLE (lost, ft | rat, & | tttle | · · · · · · · · · · · · · · · · · · · | ACCURATE TREMOBILE Varies Compression Land | 2/1 | 12 |
| 2 WHITE, MAC S. CHIE | P. | E | NGI | NE EAG FILE PASTES 27 7 2 4 8/3 | است | |
| V. FACILITY MAILING ADDRESS | | | | | | |
| A. STREET OR P.O. | DOX | 1 | | T I I I I I I I I I I I I I I I I I I I | · · . | |
| 3 1 8 0 7 E. 2 8 T H S T K E E T | | | | 6 | | |
| B. CITY OR TOWN | , , , | | | C.STATE D. ZIP CODE | • | |
| 4 LORAIN | | | | OH 44055 | | 1.11 |
| VL FACILITY LOCATION | | | | | | 100 |
| A. STREET, ROUTE NO. OR OTHER S | PECI | FIC I | DENTIFI | OHIO EP | A | |
| 5 4 3 0 0 E. 4 9 t h S T R E E | T | | | NOV 22 100 | 2 | |
| D. COUNTY HAME | · · · | | | NOV 23 198 | <u> </u> | |
| CUYAHOGA | . I | • I | · • • • | DIV: HAZARDO | ບຣີ | |
| C. CITY OR TOWN | | | | D. STATE B. ZIP CODE P. COUNTY COSEMANAC | EME | ENT |
| BCUYAHOGA HEIGHTS | 1 1 | 1 | 1 T T T T | O H 4 4 1 2 5 | | 1 |
| 2) 14 EPA Form 3510-1 (6-80) | | | ************************************** | CONTINUE | ON | $\mathcal{A}_{\mathcal{A}}$ |
| | GT: CT | AND SE | a more a company | CONTINUE | and uponly | |



ite of Ohio Environmental Protection Agency

FACILITY REPORT - PART B

FPA 9012

| J,, J, | 1. DATE RECEIVED | 1 9 | - August | XV. FAC | ILIT | Y'S | US | EPA | 1.D. | NO. | | | |
|--------------------------|---------------------------------------|-------------------------|-----------|------------------------------------|------------------|-----------|-----|------------|---------|--------|------|-------------|-----------------|
| USE ONLY oms 1 and 2) | ➤ 2. RECEIVED BY | | | G O H | þ |) 0 | 4 | 2 2 | 2 0 | | | 1 4 15 | |
| /I. GENERATOR | 'S USEPA I.D. NO. | XVII. GENERATOR N | IAME (spe | city) | · | | . : | ********** | | - | 7 | | •. |
| | | ON-SITE | ПП | | | I | | | \prod | | | \prod | П |
| <u> </u> | [27] | [28] | | | | | | | | | | | |
| /III. GENERATO | R ADDRESS | | | | | | . : | | | | | | |
| 3 | | Street or | P.O. Box | | П | 1 | | | | | | | \square |
| | | City or Town | ШШ | Щ | | Ι | | | s | tate | | Zip Co | ode |
| | | | | | | === | | | | | | | |
| X. WASTE IDENT | A. Description of W | √aste | Waste | Hazardous Number structions) | Har Me (en | thod | | D. Ar | noun | t of V | Vast | е | Unit of Measure |
| | · · · · · · · · · · · · · · · · · · · | | 2831 | 3235 | | T | П | | П | | | \prod | |
| Chromate Fi | lter Cake, Galva | nized Pipe | 3639 | 4043 | S 44 | 0 3 4 | 47 | | | 5 | ىك | 3 2 55 | 7 |
| Leaded Stee | el BOP Baghouse D | ust | D101018 | 111 | \Box | 0 1 | П | | | 3 | 7 | . 1 | 5 |
| Leaded Grin | nder Dust, Steel | Finish. Oper. | D101018 | 1,1 | s | 0 4 | | - 1 - | | 6 | 2 | . 8 | T |
| | le Liquor from St | | K101612 | 111 | s | 0 2 | | | | 3 | 1 | - | ğ —— |
| | ank Tar Sludge f | rom Coking | K 0 8 7 | 1 1 1 | S |) 4 | | | | 1 | 6 5 | 5 7 | T |
| Xylene Spi | 11 Cleanup Resid | ue | 0 2 3 9 | 1 1 1 | s | | | | | 2 | 8 | o o | P |
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| | | | 2831 | 3235 | | | | | | | | | ara (table) and |
| | · · · · · · · · · · · · · · · · · · · | | 20 20 | 40 | 44 | 46 | 47 | | | | | 55 | 56 |
| . COMMENTS (e | enter information by line nu | umber—see instructions) | 3639 | 40 43 | <u>.</u> | | | | | | | | |

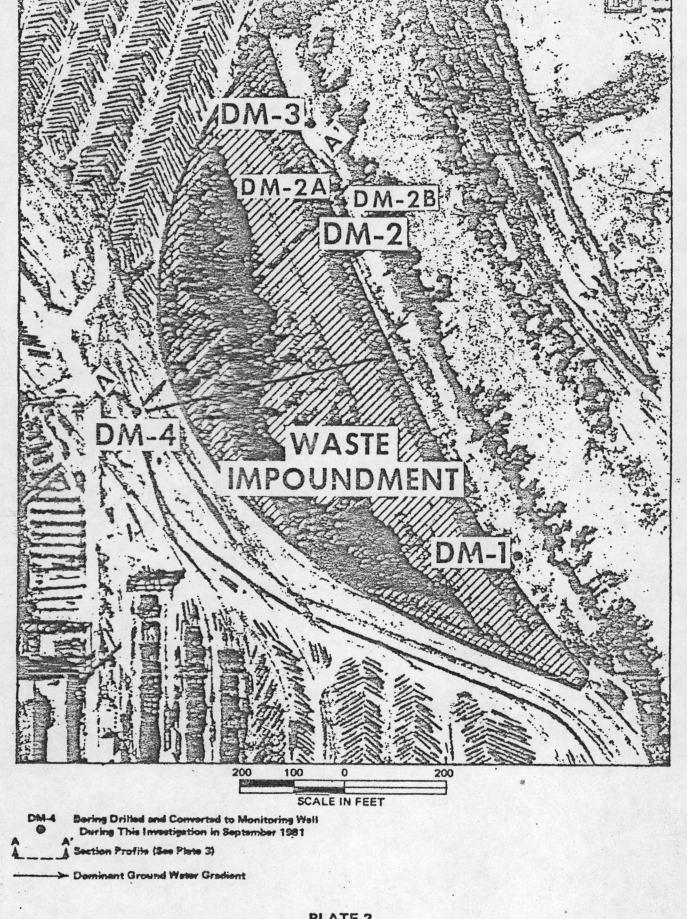
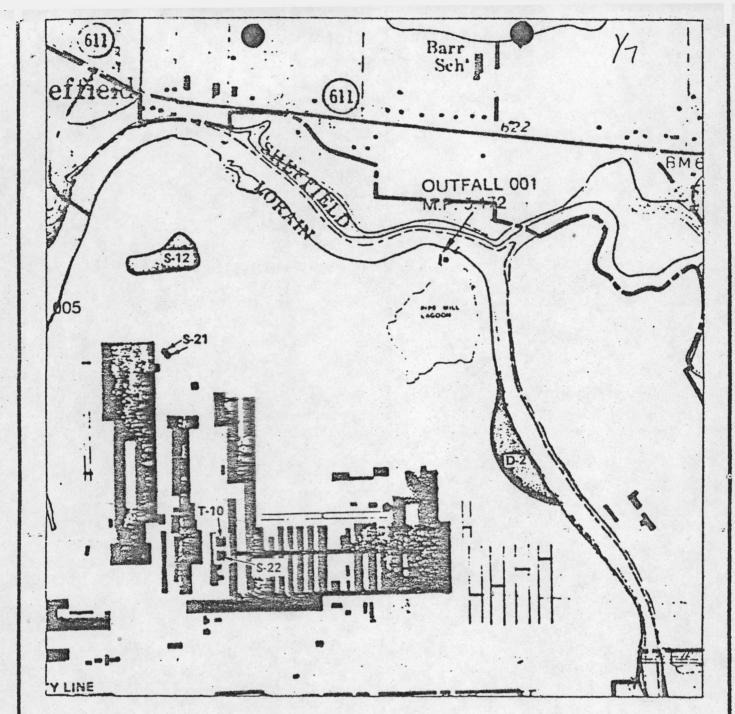


PLATE 2
LOCATION OF MONITORING WELLS USSC, LORAIN WORKS





SCALE: 1"=1000"

PLATE 1 SITE AND WASTE IMPOUNDMENT LOCATION U.S. STEEL CORPORATION

U.S. STEEL CORPORATION
LORAIN PLANT LORAIN, OHIO

LEGEND

D-2 HAZARDOUS WASTE IMPOUNDMENT